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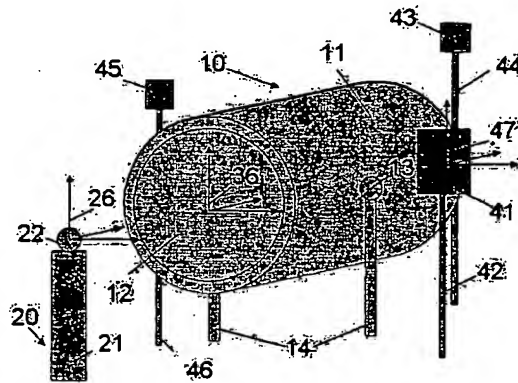
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(54) Title: METHOD FOR POSITIONING A MEASURING DEVICE EMITTING AND RECEIVING OPTICAL RADIATION FOR MEASURING WEAR IN THE LINING OF A CONTAINER



(57) Abstract: The present invention relates to a method for positioning a measuring device which emits and receives optical radiation to measure wear in the lining of a container, said method involving fixing coordinate systems for the measuring device and the container by combining that coordinate systems, and individually determining the positions of a plurality of specific fixing marks in the coordinate system of the measuring device, wherein each of said fixing marks is substantially regular in shape, wherein the position of the fixing marks are determined by: (a) deflecting an optical radiation beam across a first fixing mark in first and second intersecting directions and determining the position of the center and least two linear edges thereof and creating a first temporary coordinate system based on the position of the center and the directions of the at least two edges, (b) searching, based on the first temporary coordinate system, at least two further fixing marks and determining the position of the centers thereof, (c) defining, based on the center positions of said fixing marks, the coordinate system of the container.

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